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(54) Title: BONDING ELASTOMERIC ARTICLES

(57) Abstract: An improved method of bonding at least two cured or uncured elastomeric layers is disclosed. The method comprising placing an uncured elastomeric component (22) between the two elastomeric layers, and curing the elastomeric component to bond the elastomeric layers together. The improvement is characterized by forming the uncured elastomeric component (22) by preparing two non-productive elastomer compounds (10, 12), wherein each non-productive compound (10 or 12) is prepared with a co-reacting agent of a co-reacting cure package not added to the other non-productive compound (12 or 10), and layering the non-productive elastomer compounds (10, 12) in alternating layers with a thickness relative to the diffusion rate of the co-reacting agents in each non-productive elastomeric layer (10, 12) to effect diffusion of the co-reacting cure agents through the adjacent layers.

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